BRUHATH BANGALORE MAHANAGARA PALIKE

Name of the Work : Improvements to 2nd, 3rd, 4th, 5th & 6th cross roads at Navy layout in Bagalagunte in Ward No.14, BBMP, Bangalore.

Name of Agency : **Technical Manager (West),** KRIDL, Bangalore.

REPORT FOR
EXECUTIVE ENGINEER,
DASARAHALLI DIVISION
BBMP, BANGALORE.

THIRD PARTY INSPECTION CONSULTANTS

CIVIL EXPERTS
CONSULTANTS & TESTING CENTER

ISO 9001 : 2008 & NABL ACCREDITED AS PER ISO/IEC: 17025-2005

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Name of Work : Improvements to 2nd, 3rd, 4th, 5th & 6th cross roads at Navy layout in Bagalagunte in Ward No.14, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Contractor/Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
Total Cost	:	Rs.50 Lakhs
Date of Inspection	:	10.06.2017
Status of Bill	:	1st & Final Bill
In the Presence of	:	Assistant Engineer,Ward no.14,BBMP, Bangalore.
	:	(b) **Mr. Mohan.G,** Site Engineer M/s Civil Experts Consultants & Testing Center,

3rd Party Compliance Report

Sl.No	Description of the Item		Comments / observations
1	Earthwork Excavation of manual means in Ordinary soil involving an average horizontal		Work done up to the billed quantity and Quality is satisfactory

For Civil Experts Consultants

G. Mohy

Authorised Signatory

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2	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by		Work done up to the billed quantity and Quality is satisfactory
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as		Work done up to the billed quantity and Quality is satisfactory
4	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.		Work done up to the billed quantity and Quality is satisfactory

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5	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3		Work done up to the billed quantity and Quality is satisfactory
6	KSRRB 400 Granular Sub-Base with Coarse Graded Material (table 400-2) KSRRB M400-7. Construction of granular sub-base by providing Coarse graded crushed stone aggregates of granite / trap / basalt material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory		Work done up to the billed quantity and Quality is satisfactory
7	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and		Work done up to the billed quantity and Quality is satisfactory

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8	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502		Work done up to the billed quantity and Quality is satisfactory
9	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501		Work done up to the billed quantity and Quality is satisfactory
10	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5		Work done up to the billed quantity and Quality is satisfactory

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11	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade,		Work done up to the billed quantity and Quality is satisfactory
12	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH		Work done up to the billed quantity and Quality is satisfactory For Civil Experts Consultants Authorised Signatory